



# Public Notice

**Applicant:**

City of Toledo Department of Public Utilities

**Date:**

Published: October 15, 2002

Expires: November 13, 2002

**U.S. Army Corps  
of Engineers****In Reply Refer To:**Buffalo District **CELRB-TD-R RE:** 81-003-6(3) **Section:** OH 10 and 404

**Application for Permit under Authority of  
Section 10 of the Rivers and Harbors Act of 1899 and  
Section 404 of the Clean Water Act (33 U.S.C. 1344).**

Mr. Steve Hallet, Administrator of Engineering, Division of Water Reclamation, has applied for a Department of the Army Permit on behalf of the City of Toledo, to work and place fill in the Maumee River. The proposed project is located in the Maumee River adjacent to the existing Bay View Waste Water Treatment Plant at 3900 North Summit Street, Toledo, Lucas County, Ohio 43611.

Department of the Army authorization is required for dredging approximately 200,000 cubic yards of organic material, constructing a 1,250 linear foot dike, installing 1,250 linear feet of steel sheet piling, backfilling approximately 10 acres of the Maumee River shoreward of the dike and installing root wads, willow stakes and stone and concrete rubble along 1,200 feet of shoreline of the Maumee River on Audubon Island.

**Project History:**

In the 1980's, the northwest corner of the existing basin (Maumee River) was filled under Department of the Army permit 81-003-6. This project consisted of dredging approximately 16,000 cubic yards of bottom material from an area 50 feet wide by 730 feet long, constructing a dike around the perimeter of the dredged area, installing steel sheet piling, and backfilling the area shoreward of the dike with crushed limestone and sand. This newly filled area provided space for the construction of a sludge thickening and dewatering building, gravity sludge thickeners and a sludge storage pond.

The proposed project consists of the following:

Filling of the Maumee River will be accomplished by isolating the area with a dike 68 feet wide by 1,250 linear feet long between sheet pile walls of the existing shoreline, dredging organic material and backfilling the area with sand. The dike will be constructed by first hydraulically dredging organic material from the bottom of the Maumee River in the footprint of the dike. The dike will then be constructed by placing approximately 18,000 cubic yards of 3/8 to 1-1/2 inch crushed limestone material in the river, driving 1,250 linear feet of steel sheet piling into the crushed stone and placing approximately 12,000 cubic yards of crushed limestone shoreward of the sheet piling

and on top of the dike. The remaining organic material on the river bottom shoreward of the dike will be removed and the area filled with approximately 330,000 cubic yards of sand. A total of approximately 200,000 cubic yards of organic material will be removed and placed at an upland site. Approximately 24,400 cubic yards of stone and 255,500 cubic yards of sand will be placed below the ordinary high water (OHW) of the Maumee River. The total surface area of waters to be filled is approximately 10 acres.

As mitigation for the permanent loss of 10 acres of the Maumee River, the applicant has proposed the following: Maumee River shoreline enhancement at the project site to provide aquatic habitat; create at least 15 acres of wetlands at the Ohio Department of Natural Resources Yellow Swale project in Sandusky County, Ohio; fund professional consulting services to prepare a community land use plan for North Toledo to assist the Citizens for Buckeye Basin Parks, Inc. to gain input, guidance and support to guide future land use decisions affecting unique wildlife habitat in this area; and stream bank stabilization for 1,200 linear feet of shoreline on the Audubon Island Nature Preserve in the Maumee River near Perrysburg, Ohio.

In addition to the proposed new treatment facilities to be constructed on the filled site, the applicant is considering options for the location of an equalization basin, including the potential use of the marina basin south of the treatment plant. Although the applicant is not requesting authorization to construct the equalization basin in the marina at this time, this proposal would require additional Department of the Army authorization. The applicant has stated that in the event that this option is not authorized in the future, the equalization basin could be located in the golf course just west of the existing treatment plant.

The applicant's stated purpose for the project is to provide space for a planned upgrade of the Waste Water Treatment Plant. The upgrade is being required as a result of negotiations with the United States Environmental Protection Agency. The proposed fill area will be used for additional treatment of wet weather flows which now are discharged with inadequate treatment, effluent pumping to eliminate adverse impacts of high lake levels on the plant, replacement of the 70-year old primary tanks and advanced treatment facilities.

Location and details of the above described work are shown on the attached maps and drawings.

Questions pertaining to the work described in this notice should be directed to Paul F. Wetzel, who can be contacted by calling (419) 898-3812, or by e-mail at: paul.f.wetzel@usace.army.mil

The applicant has certified that the proposed activity complies with Ohio's approved Coastal Zone Management Program and will be conducted in a manner consistent with that program. Any comments on the consistency of the proposed activity with Ohio's Coastal Zone Management Program should be forwarded to:

Ms. Kim Baker  
Ohio Department of Natural Resources  
1952 Belcher Drive  
Building C-2, Fountain Square  
Columbus, Ohio 43224-1386

Telephone (614) 265-6411  
FAX (614) 267-2981  
e-mail: kim.baker@dnr.state.oh.us

The following authorization(s) may be required for this project:

Water Quality Certification (or waiver thereof) from the Ohio Environmental Protection Agency.

There are no registered historic properties or properties listed as being eligible for inclusion in the National Register of Historic Places that will be affected by this project.

In addition, available evidence indicates that the proposed work will not affect a species proposed or designated by the U.S. Department of the Interior as threatened or endangered, nor will it affect the critical habitat of any such species.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments should be sent to the U. S. Army Corps of Engineers, Unit D, 240 Lake Street, Oak Harbor, Ohio 43449, and should be marked to the attention of Paul F. Wetzel, or by e-mail at: paul.f.wetzel@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

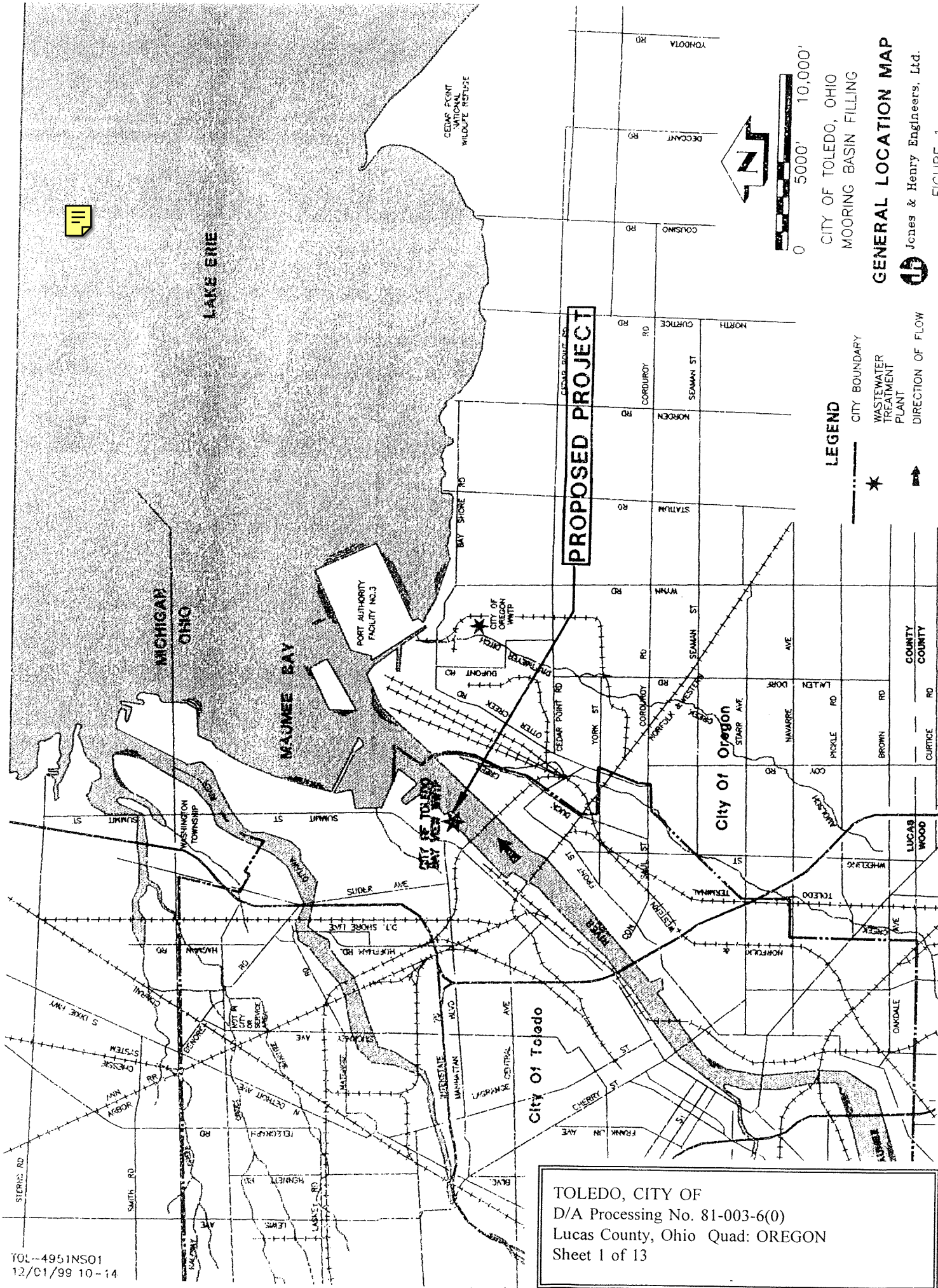
Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

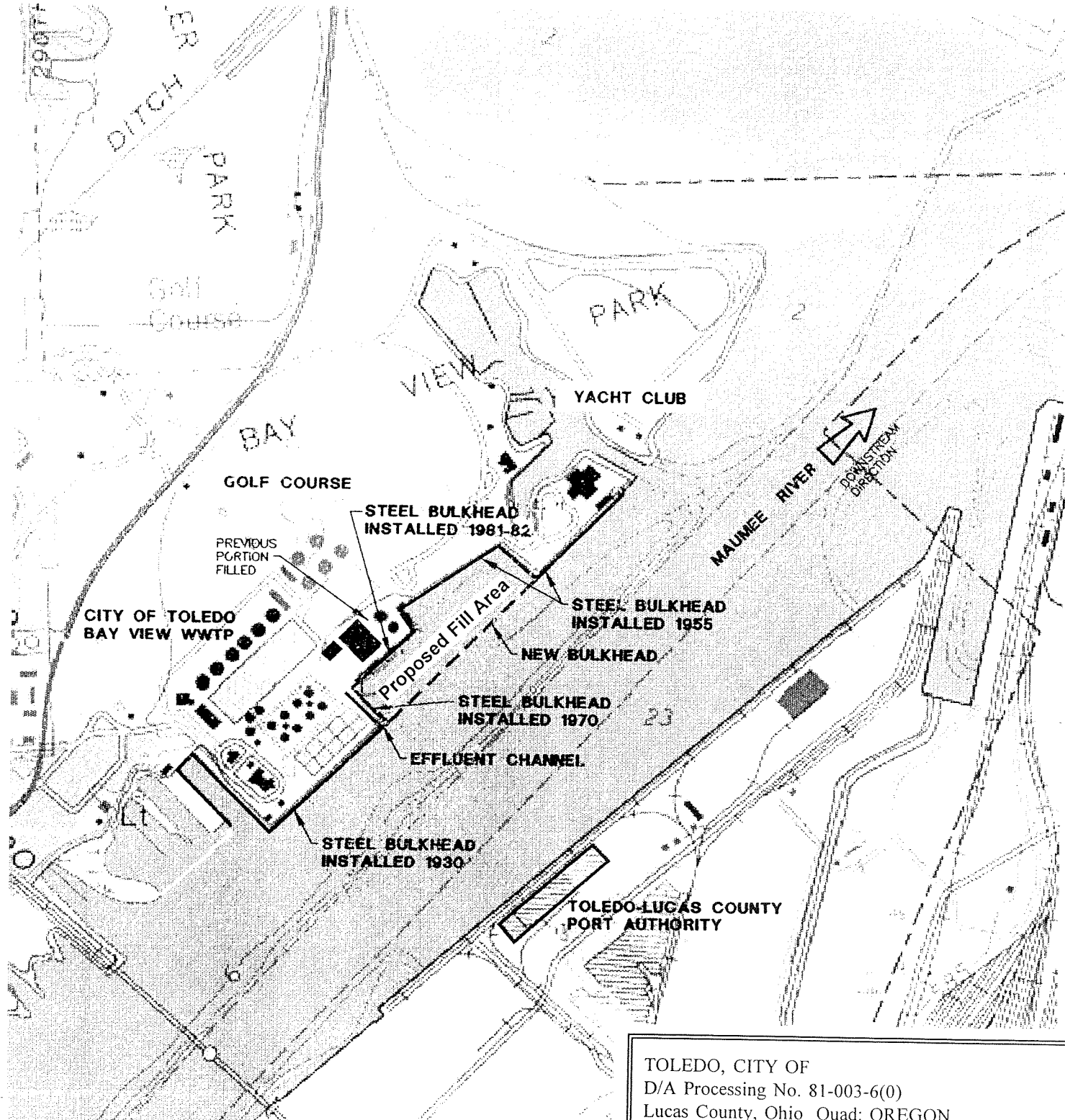
Paul G. Leuchner  
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.



**GENERAL LOCATION MAP**  
 CITY OF TOLEDO, OHIO  
 MOORING BASIN FILLING  
 Jones & Henry Engineers, Ltd.

FIGURE 1



**LEGEND:**

- EXISTING STEEL BULKHEAD
- - - - - NEW BULKHEAD

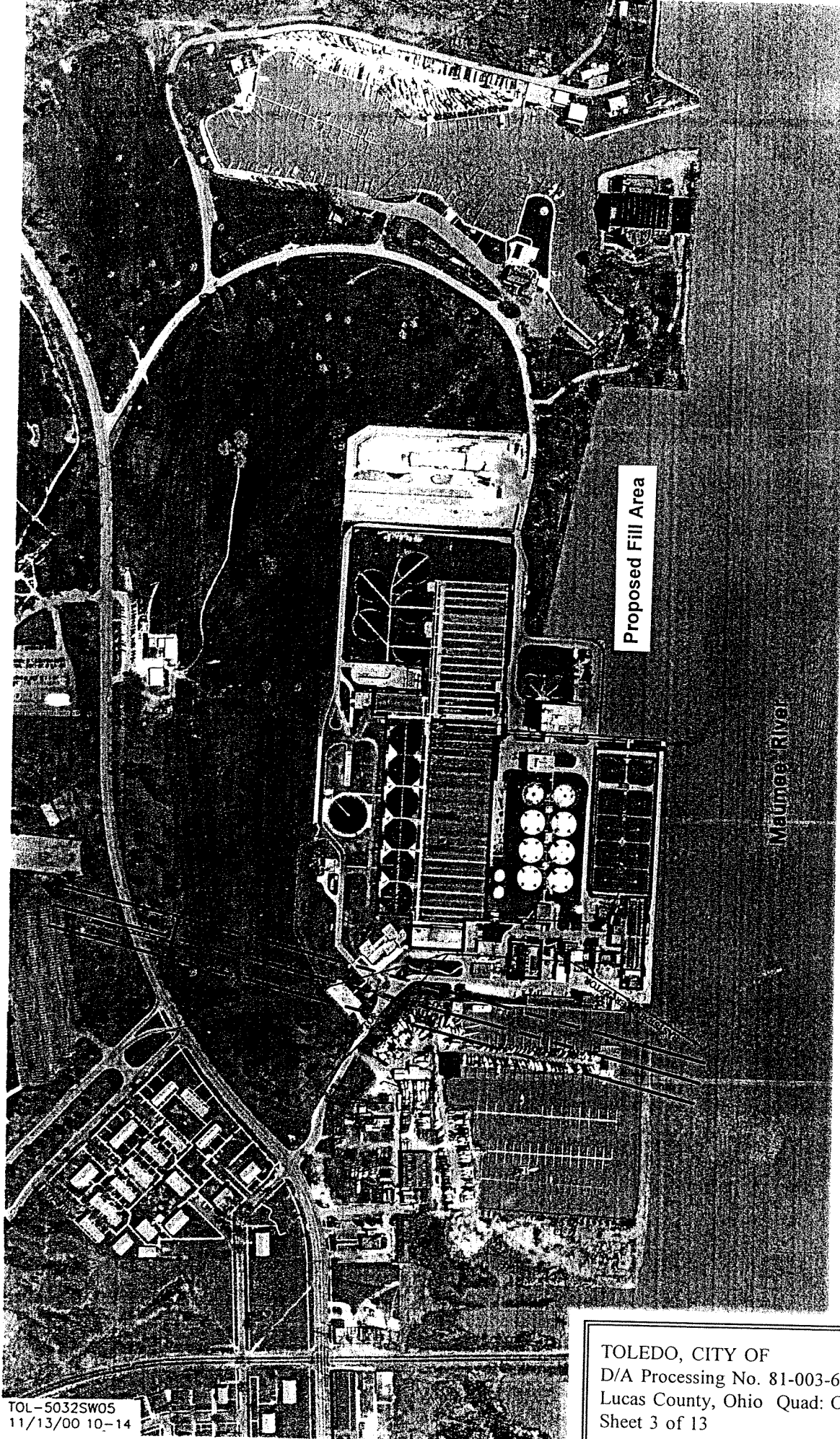


CITY OF TOLEDO, OHIO  
MOORING BASIN FILLING

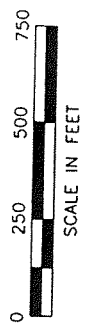
**PLAN VIEW MAP**







LEGEND  
— EXISTING STRUCTURE  
— EXISTING PIPELINE

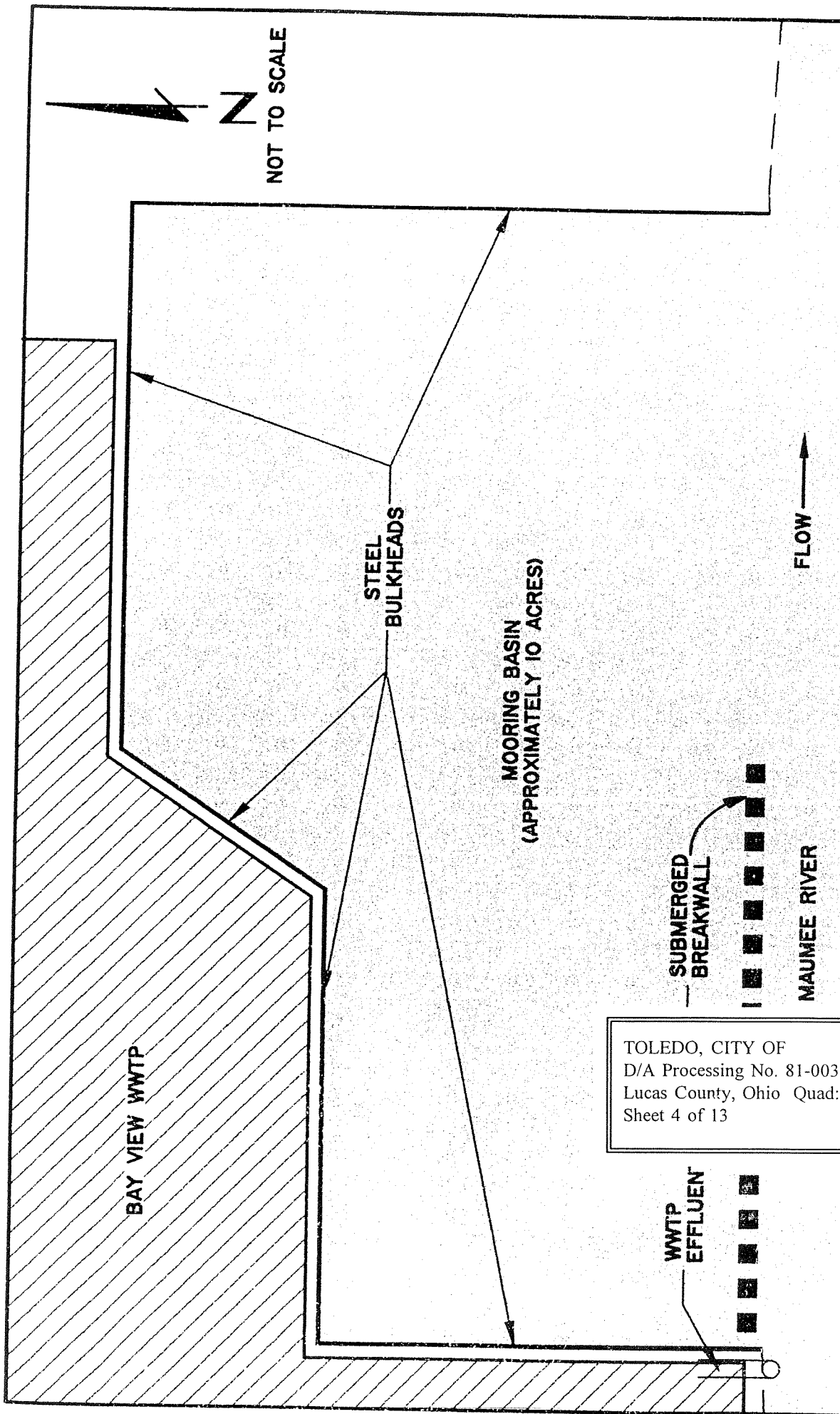


CITY OF TOLEDO, OHIO  
BAY VIEW WASTEWATER TREATMENT PLANT  
**EXISTING SITE PLAN**

 Jones & Henry Engineers, Ltd.  
FIGURE 4

TOL-5032SW05  
11/13/00 10-14

TOLEDO, CITY OF  
D/A Processing No. 81-003-6(0)  
Lucas County, Ohio Quad: OREGON  
Sheet 3 of 13



**FIGURE 1**

Hull & Associates, Inc.  
TOLEDO, OHIO

PRELIMINARY ENVIRONMENTAL/ECOLOGICAL  
ASSESSMENT FOR THE POTENTIAL FILLING OF A  
MOORING BASIN ADJACENT TO BAY VIEW WWTW

**EXISTING MOORING  
BASIN FEATURES**

CITY OF TOLEDO, LUCAS CO., OHIO

DATE:

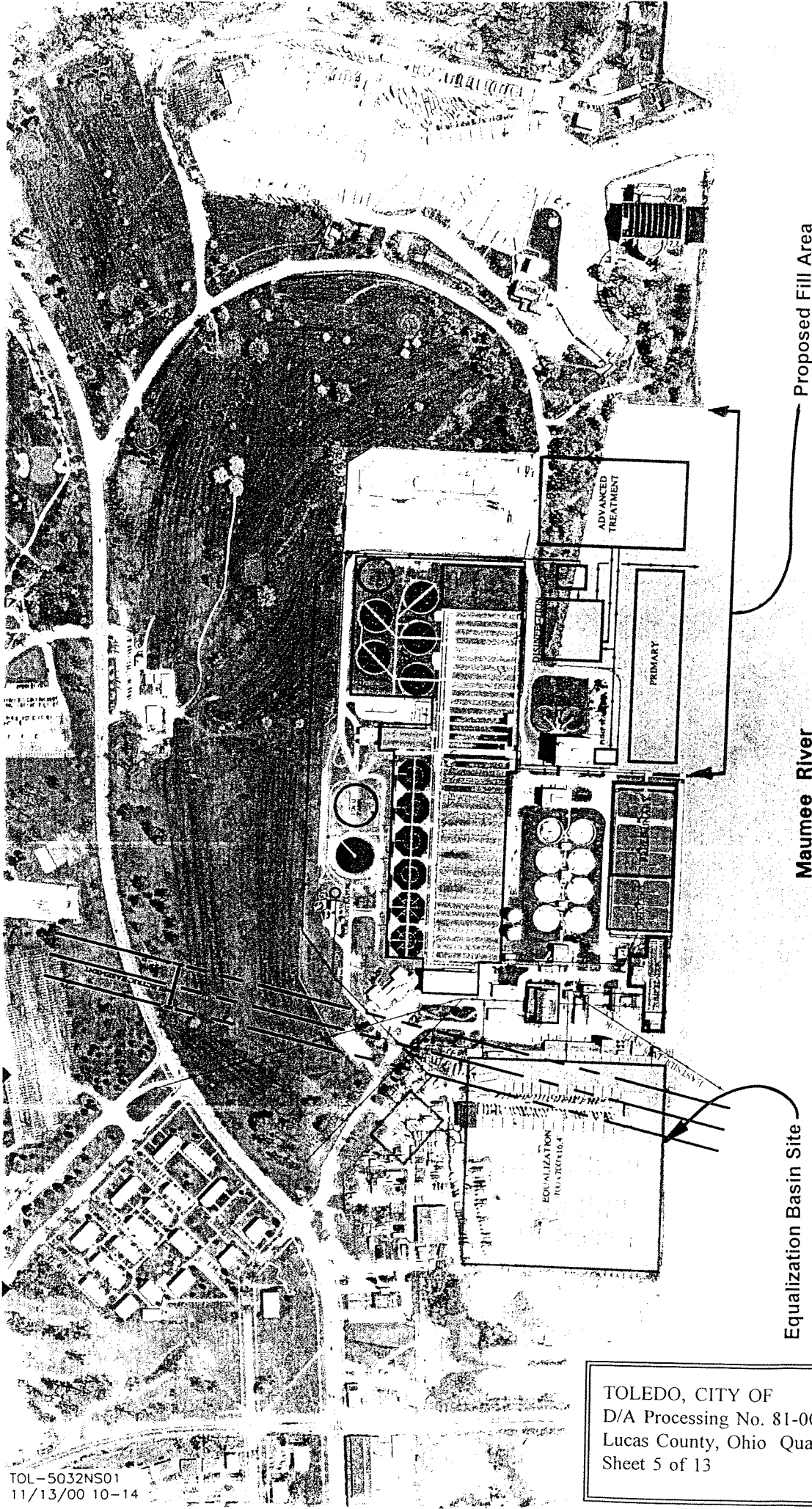
JUNE 2000

COT141

TOLEDO, CITY OF  
D/A Processing No. 81-003-6(0)  
Lucas County, Ohio Quad: OREGON  
Sheet 4 of 13

06/12/00 BRYALL



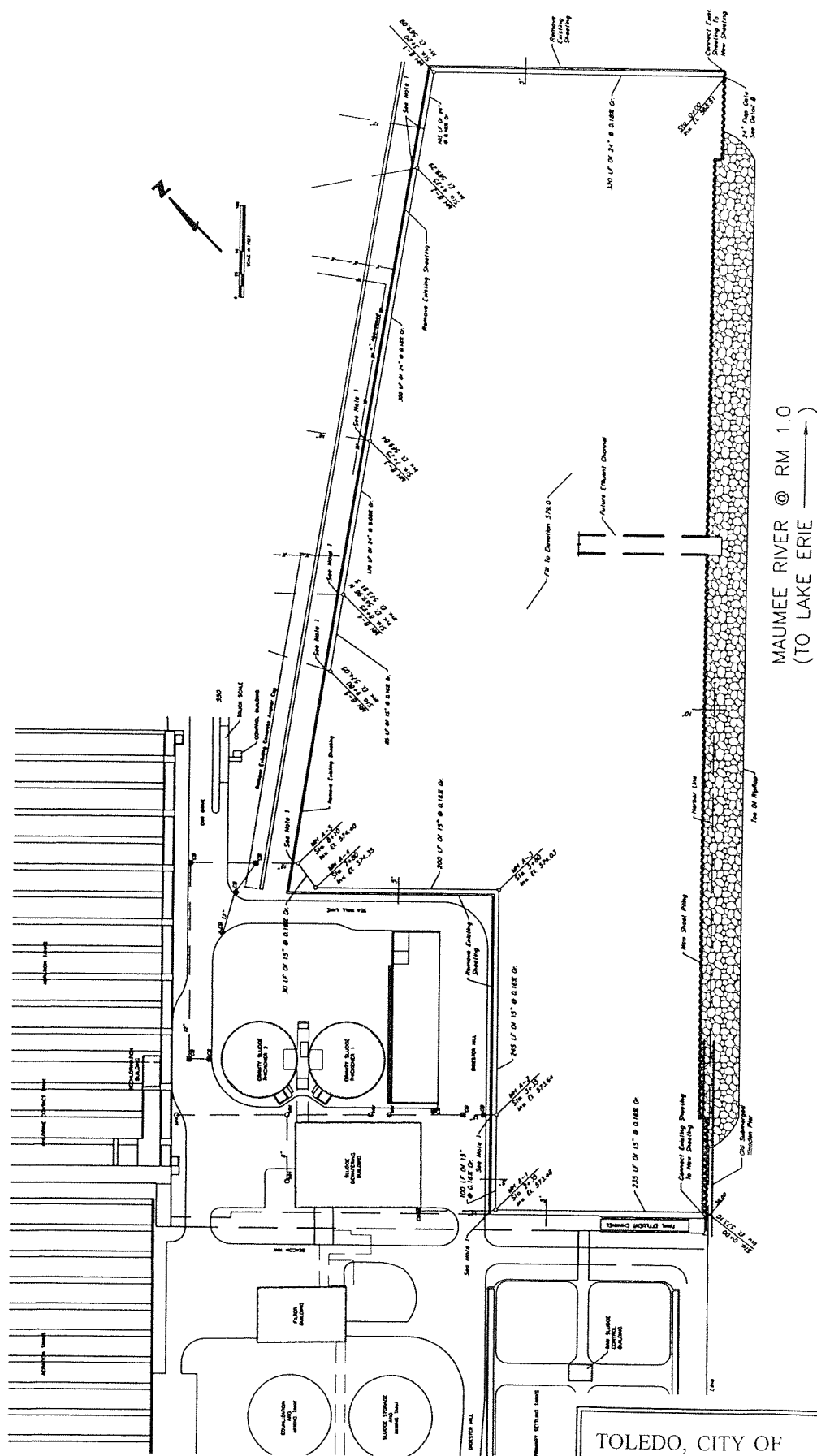


LEGEND  
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CITY OF TOLEDO, OHIO  
 MOORING BASIN FILLING  
**PREFERRED SITE PLAN**

Jones & Henry Engineers, Ltd.  
**FIGURE 8**

TOLEDO, CITY OF  
 D/A Processing No. 81-003-6(0)  
 Lucas County, Ohio Quad: OREGON  
 Sheet 5 of 13



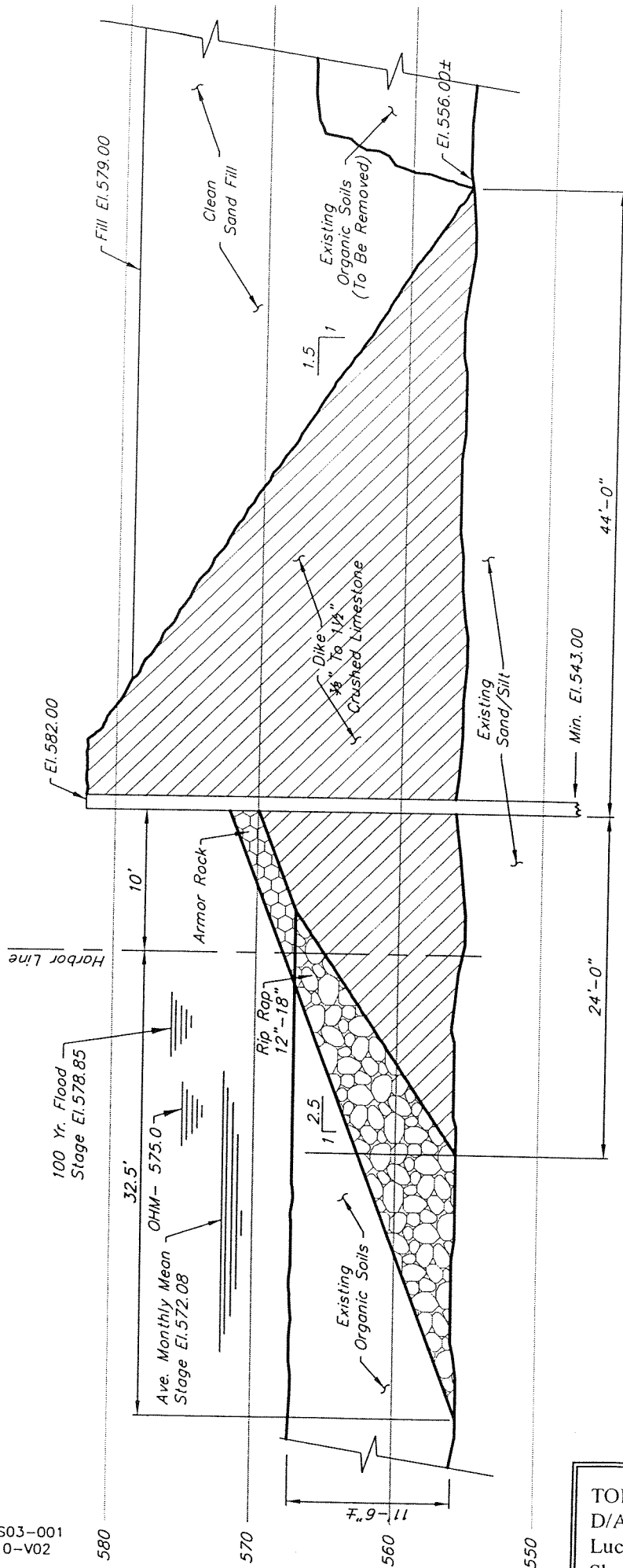
te: All Elevations Are USGS.

CITY OF TOLEDO, OHIO  
MOORING BASIN FILLING  
**MOORING BASIN  
SITE PLAN**

**Jones & Henry Engineers, Ltd.**

FIGURE 4

TOLEDO, CITY OF  
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Lucas County, Ohio Quad: OREGON  
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### TYPICAL DIKE CROSS SECTION

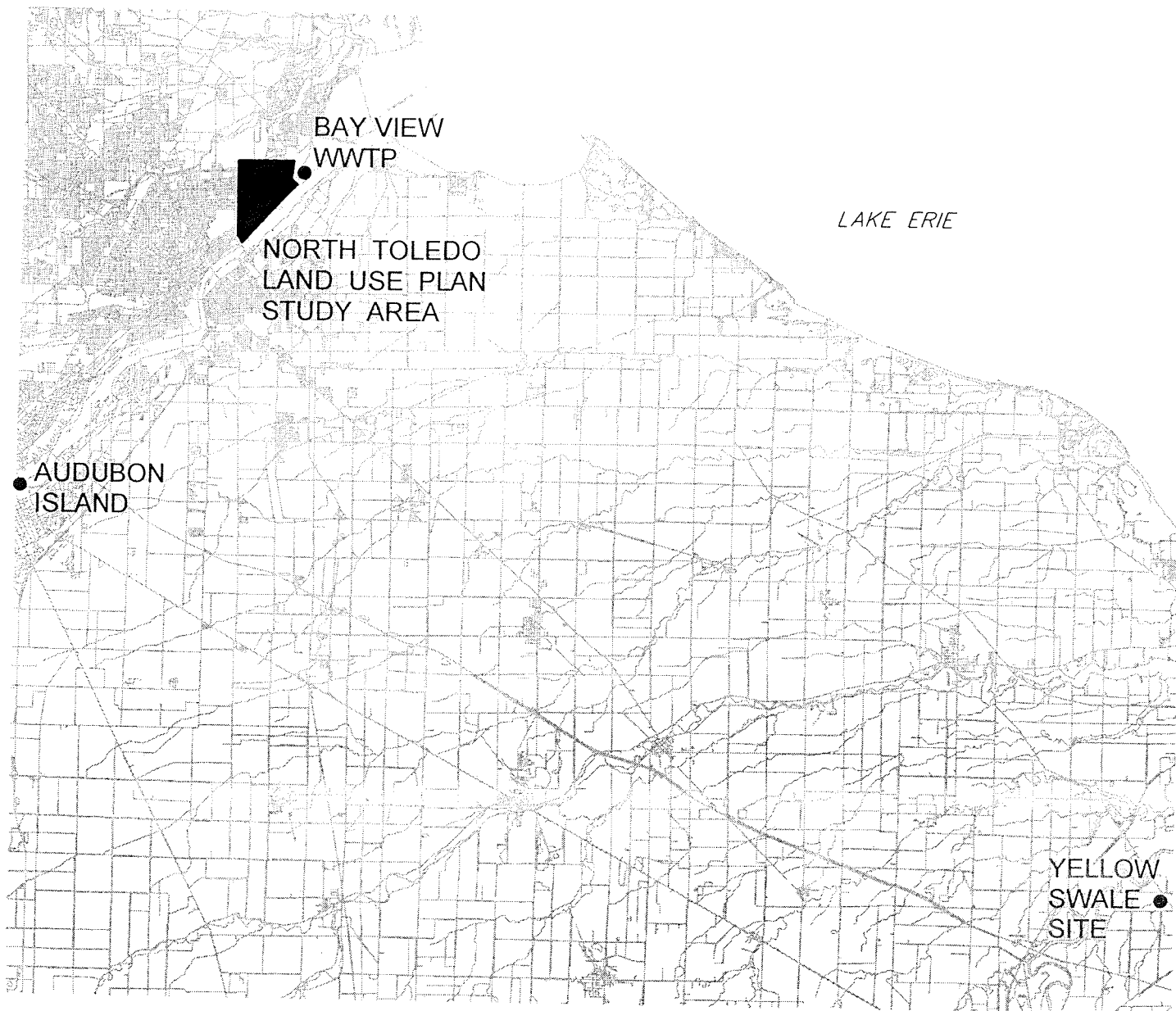
All Elevations Are USGS.

Organic Material To Be Removed By Hydraulic Dredge To Build The Dike. All Organic Material To Be Disposed Of In A Secured Upland Site.

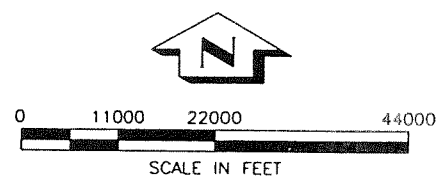
Construction Sequence

- Hydraulically Remove Organic Material & Install Dike To Approximately El. 573.00
- Install Sheet Piling From Dike

- Finish Dike By Installing Rip Rap, Armor Rock, And Remaining Crushed Stone.
- Remove Remaining Organic Material Inside The Dike And Fill With Clean Sand.
- Fill Material Below OHM Stone 24,400 Cu Yds. Sand 255,500 Cu Yds.




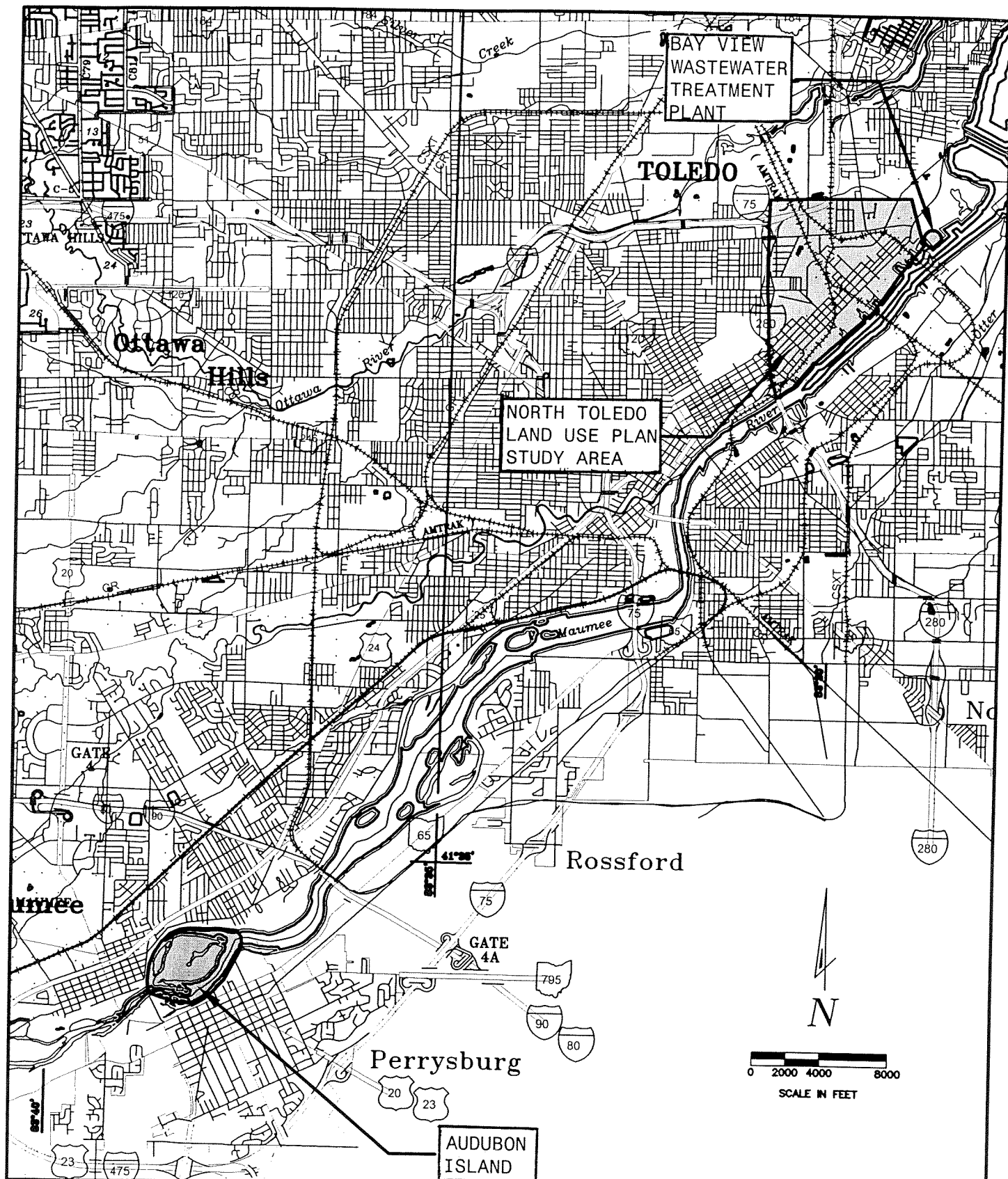
**General Location Map  
Proposed Mitigation Sites**



TOLEDO, CITY OF  
D/A Processing No. 81-003-6(0)  
Lucas County, Ohio Quad: OREGON  
Sheet 8 of 13

CITY OF TOLEDO, OHIO  
MOORING BASIN FILLING  
**OVERALL SITE MAP**

 Jones & Henry Engineers, Ltd.



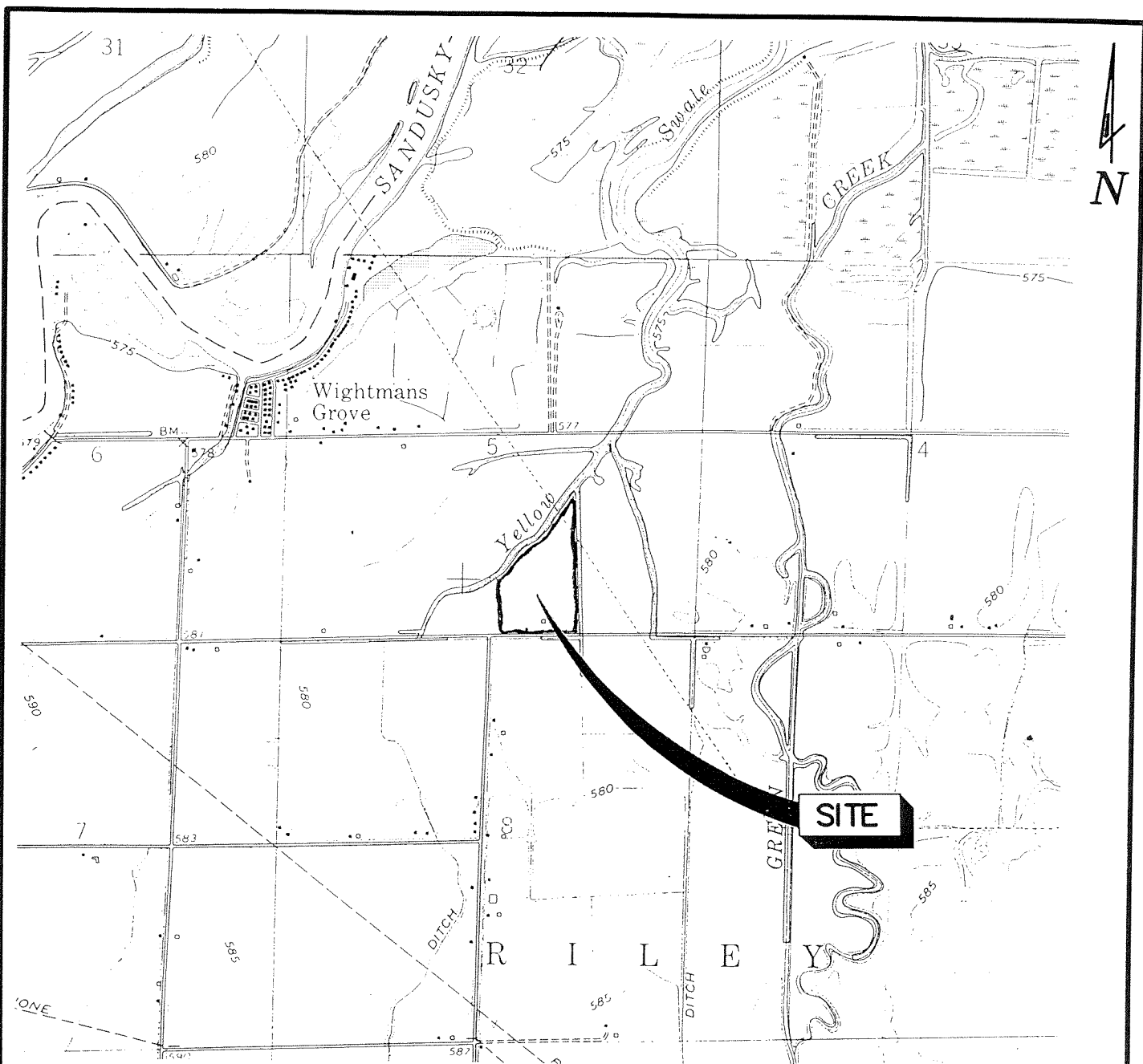
TOLEDO, CITY OF  
 D/A Processing No. 81-003-6(0)  
 Lucas County, Ohio Quad: OREGON  
 Sheet 9 of 13

CITY OF TOLEDO BAY VIEW WASTEWATER TREATMENT PLANT

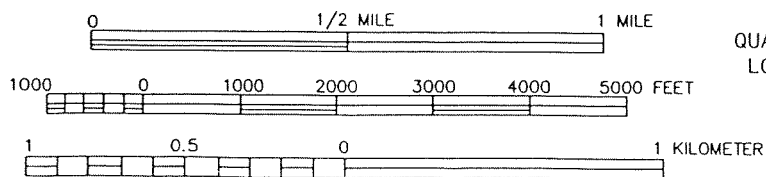
# MOORING BASIN FILLING MITIGATION PLAN PROJECT AREAS

CITY OF TOLEDO, LUCAS CO., OHIO

PROJECT NO.: JAH031	SUBMITTAL DATE: AUGUST 2002
CAD DWG FILE: JAH031.100.0009 GAC	PLOT DATE: 8/30/02



SOURCE: U.S.G.S. 7.5 MIN QUADRANGLE MAP  
WIGHTMANS GROVE, OHIO 1969  
PHOTOREVISED 1979



QUADRANGLE  
LOCATION

TOLEDO, CITY OF  
D/A Processing No. 81-003-6(0)  
Lucas County, Ohio Quad: OREGON  
Sheet 10 of 13

### Site Location Yellow Swale Wetland Mitigation

PROJECT NO.: JAH031

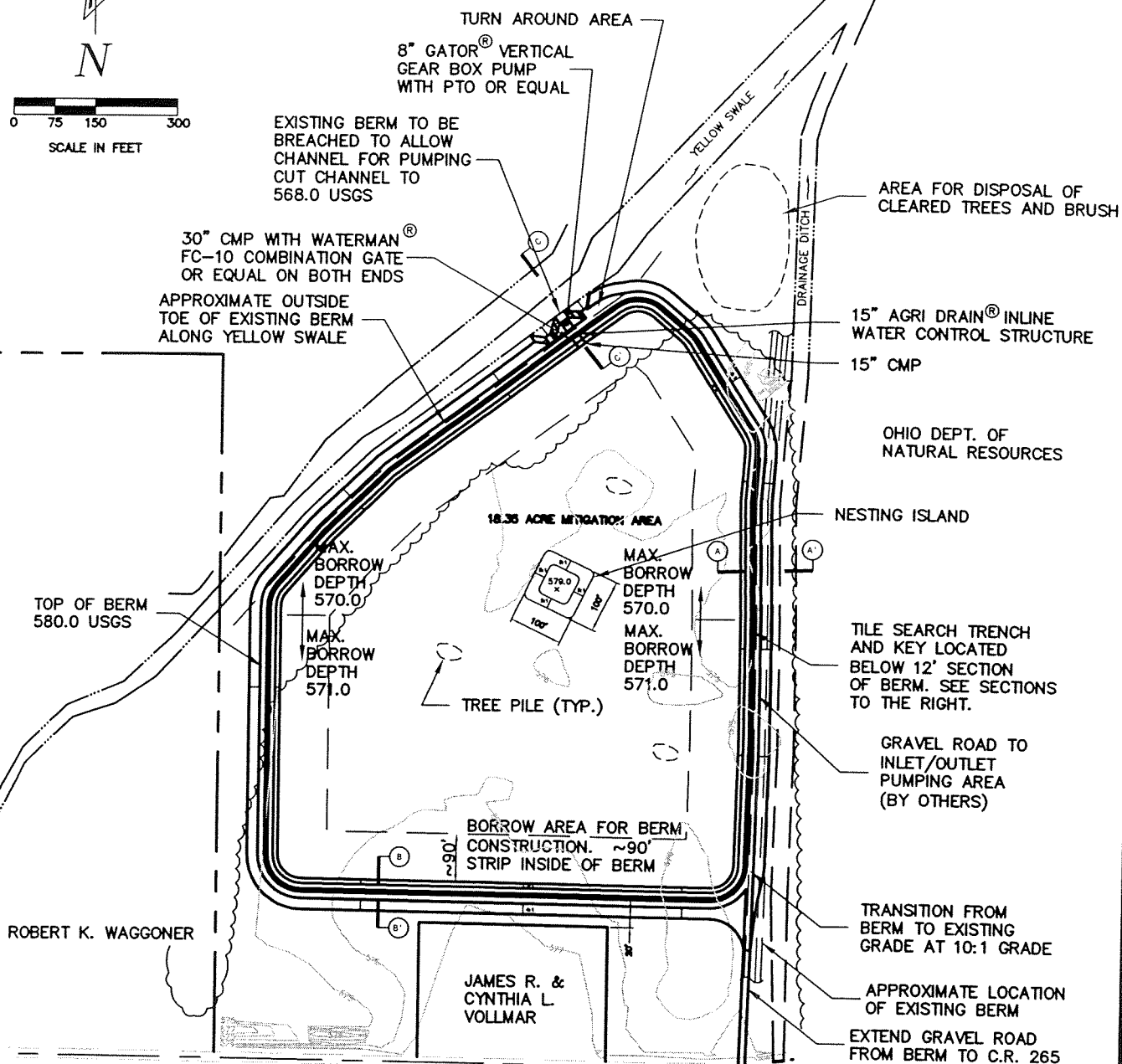
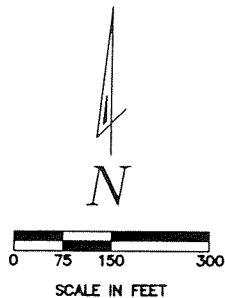
SUBMITTAL DATE: AUGUST 2002

CAD DWG FILE: JAH031.100.0014 GAC

PLOT DATE: 8/19/02



OHIO DEPT. OF  
NATURAL RESOURCES



ROBERT K. WAGGONER

JAMES R. &  
CYNTHIA L.  
VOLLMAR

ROBERT K. WAGGONER  
2247 SAND ROAD  
PORT CLINTON, OHIO 43452

CR 265

JAMES R. & CYNTHIA L. VOLLMAR  
2404 C.R. 265  
PORT CLINTON, OHIO 43452

TOLEDO, CITY OF  
D/A Processing No. 81-003-6(0)  
Lucas County, Ohio Quad: OREGON  
Sheet 11 of 13

CITY OF TOLEDO  
SANDUSKY COUNTY WETLAND MITIGATION SITE

### YELLOW SWALE MITIGATION SITE PLAN

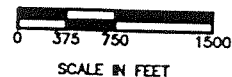
RILEY TOWNSHIP, SANDUSKY COUNTY, OHIO

PROJECT NO.: JAH031

SUBMITTAL DATE: SEPT. 2002

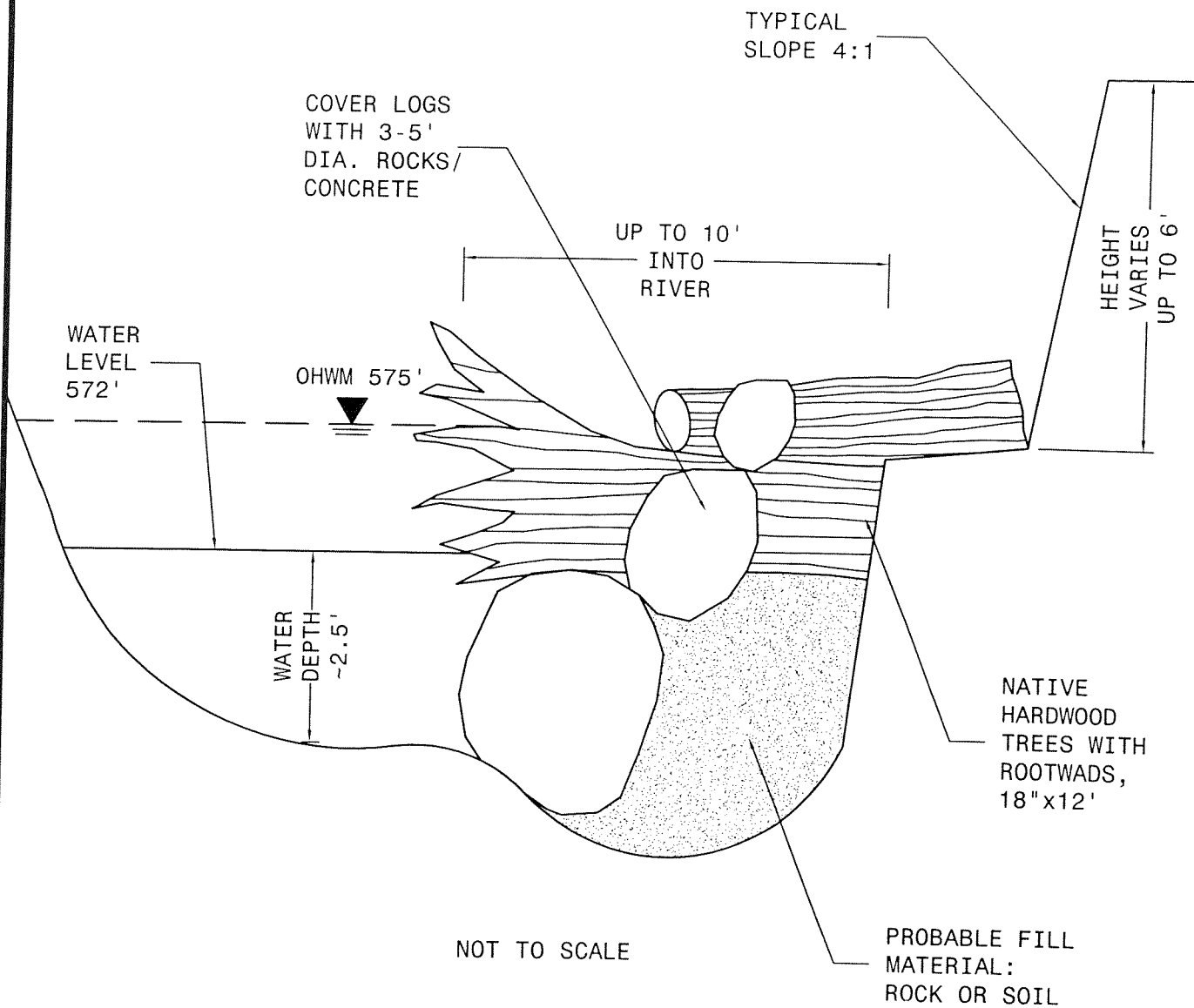
CAD DWG FILE: JAH031.100.0010 GAC

PLOT DATE: 9/5/02



RIVER FLOW DIRECTION

PLOT DATE:	8/22/02
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TOLEDO, CITY OF  
D/A Processing No. 81-003-6(0)  
Lucas County, Ohio Quad: OREGON  
Sheet 13 of 13

# TYPICAL RESTORATION ACTIVITY PROFILE

CITY OF TOLEDO, LUCAS COUNTY, OHIO

# Hull

& associates, inc.

ENGINEERS | GEOLOGISTS | SCIENTISTS | SURVEYORS | PLANNERS

3401 GLENDALE AVENUE  
SUITE 300  
TOLEDO, OHIO 43614

PHONE: (419) 385-2018  
FAX: (419) 385-5487  
www.hullinc.com

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PROJECT NO.: JAH031

CAD DWG FILE: JAH031.100.0017 GAC

SUBMITTAL DATE: AUGUST 2002

PLOT DATE: 8/30/02

